

2584WOOP.txt

SEQUENCE LISTING

<110> Takeda Chemical Industries, Ltd.
<120> Use of Peptide
<130> 2584WOOP
<150> JP 10-369585
<151> 1998-12-25
<160> 45

<210> 1
<211> 98
<212> PRT
<213> Bovine
<400> 1
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Ala Leu Gln Gly Ala Ala Ser Arg Ala His Gln His Ser Met Glu Ile
20 25 30
Arg Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg
35 40 45
Pro Val Gly Arg Phe Gly Arg Arg Ala Ala Pro Gly Asp Gly Pro
50 55 60
Arg Pro Gly Pro Arg Arg Val Pro Ala Cys Phe Arg Leu Glu Gly Gly
65 70 75 80
Ala Glu Pro Ser Arg Ala Leu Pro Gly Arg Leu Thr Ala Gln Leu Val
85 90 95
Gln Glu

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<211> 294
<212> DNA
<213> Bovine
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TGGTACGCRG GCCGTGGGAT CCGGCCCGTG GGCCGCTTCG GCCGGCGAAG AGCTGCCCYG 180
GGGGACGGAC CCAGGCCTGG CCCCCGGCGT GTGCCGGCCT GCTTCCGCCT GGAAGGCGGY 240
GCTGAGCCCT CCCGAGCCCT CCCGGGGCGG CTGACGGCCC AGCTGGTCCA GGAA 294

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1 5 10 15
Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe
20 25 30

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<213> Bovine
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1 5 10 15
Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe Gly
20 25 30

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<211> 33
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<213> Bovine
<400> 5
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1 5 10 15
 Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe Gly
 20 25 30
 Arg
 33

<210> 6
 <211> 20
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 <213> Bovine
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 1 5 10 15
 Val Gly Arg Phe
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 <213> Bovine
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 1 5 10 15
 Val Gly Arg Phe Gly
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<210> 8
 <211> 22
 <212> PRT
 <213> Bovine
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 1 5 10 15
 Val Gly Arg Phe Gly Arg
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 <211> 93
 <212> DNA
 <213> Bovine
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 GCRGGCCGTG GGATCCGGCC CGTGGGCCCG TTC 93

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 <212> PRT
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 Met Lys Ala Val Gly Ala Trp Leu Leu Cys Leu Leu Leu Leu Gly Leu
 1 5 10 15
 Ala Leu Gln Gly Ala Ala Ser Arg Ala His Gln His Ser Met Glu Ile
 20 25 30
 Arg Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg
 35 40 45
 Pro Val Gly Arg Phe Gly Arg Arg Ala Ala Leu Gly Asp Gly Pro
 50 55 60
 Arg Pro Gly Pro Arg Arg Val Pro Ala Cys Phe Arg Leu Glu Gly Gly
 65 70 75 80
 Ala Glu Pro Ser Arg Ala Leu Pro Gly Arg Leu Thr Ala Gln Leu Val
 85 90 95
 Gln Glu

<210> 16
 <211> 83
 <212> PRT
 <213> Rat
 <400> 16
 Met Ala Leu Lys Thr Trp Leu Leu Cys Leu Leu Leu Leu Ser Leu Val
 1 5 10 15
 Leu Pro Gly Ala Ser Ser Arg Ala His Gln His Ser Met Glu Thr Arg
 20 25 30
 Thr Pro Asp Ile Asn Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro
 35 40 45
 Val Gly Arg Phe Gly Arg Arg Arg Ala Thr Pro Arg Asp Val Thr Gly
 50 55 60
 Leu Gly Gln Leu Ser Cys Leu Pro Leu Asp Gly Arg Thr Lys Phe Ser
 65 70 75 80
 Gln Arg Gly

<210> 17
 <211> 249
 <212> DNA
 <213> Rat
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TCCAGCCGAG	CCCACCAGCA	CTCCATGGAG	ACAAGAACCC	CTGATATCAA	TCCTGCCTGG	120
TACACGGGCC	GCGGGATCAG	GCCTGTGGGC	CGCTTCGGCA	GGAGAAGGGC	AACCCCGAGG	180
GATGTCACTG	GACTTGGCCA	ACTCAGCTGC	CTCCCACTGG	ATGGACGCAC	CAAGTTCTCT	240
CAGCGTGGG						249

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 <212> PRT
 <213> Rat
 <400> 18

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Pro	Ala	Trp	Tyr	Thr	Gly	Arg	Gly	Ile	Arg	Pro	Val	Gly	Arg	Phe	
			20					25					30		

<210> 19
 <211> 32
 <212> PRT
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 <400> 19

Ser	Arg	Ala	His	Gln	His	Ser	Met	Glu	Thr	Arg	Thr	Pro	Asp	Ile	Asn
1				5					10					15	
Pro	Ala	Trp	Tyr	Thr	Gly	Arg	Gly	Ile	Arg	Pro	Val	Gly	Arg	Phe	Gly
			20					25					30		

<210> 20
 <211> 33
 <212> PRT
 <213> Rat
 <400> 20

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Pro	Ala	Trp	Tyr	Thr	Gly	Arg	Gly	Ile	Arg	Pro	Val	Gly	Arg	Phe	Gly
			20					25					30		

Arg

<210> 21
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 <213> Rat
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Thr	Pro	Asp	Ile	Asn	Pro	Ala	Trp	Tyr	Thr	Gly	Arg	Gly	Ile	Arg	Pro
1				5					10					15	
Val	Gly	Arg	Phe												
			20												

<210> 22
 <211> 21
 <212> PRT
 <213> Rat
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Thr	Pro	Asp	Ile	Asn	Pro	Ala	Trp	Tyr	Thr	Gly	Arg	Gly	Ile	Arg	Pro
1				5					10					15	
Val	Gly	Arg	Phe	Gly											
			20												

<210> 23
 <211> 22
 <212> PRT
 <213> Rat
 <400> 23

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro
 1 5 10 15
 Val Gly Arg Phe Gly Arg
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<210> 24
 <211> 93
 <212> DNA
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<210> 25
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 <212> DNA
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 <212> DNA
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 <400> 27

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<210> 28
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<210> 29
 <211> 66
 <212> DNA
 <213> Rat
 <400> 29

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 GGCAGG 66

<210> 30
 <211> 87
 <212> PRT
 <213> Human
 <400> 30

Met Lys Val Leu Arg Ala Trp Leu Leu Cys Leu Leu Met Leu Gly Leu
 1 5 10 15
 Ala Leu Arg Gly Ala Ala Ser Arg Thr His Arg His Ser Met Glu Ile
 20 25 30

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Arg Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg
 35 40 45
 Pro Val Gly Arg Phe Gly Arg Arg Ala Thr Leu Gly Asp Val Pro
 50 55 60
 Lys Pro Gly Leu Arg Pro Arg Leu Thr Cys Phe Pro Leu Glu Gly Gly
 65 70 75 80
 Ala Met Ser Ser Gln Asp Gly
 85

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<211> 261

<212> DNA

<213> Human

<400> 31

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TGGTACGCCA	GTCGCGGGAT	CAGGCCTGTG	GGCCGCTTCG	GTCGGAGGAG	GGCAACCCTG	180
GGGGACGTCC	CCAAGCCTGG	CCTGCGACCC	CGGCTGACCT	GCTTCCCCCT	GGAAGGCGGT	240
GCTATGTCGT	CCCAGGATGG	C				261

<210> 32

<211> 31

<212> PRT

<213> Human

<400> 32

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 1 5 10 15
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 20 25 30

<210> 33

<211> 32

<212> PRT

<213> Human

<400> 33

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 1 5 10 15
 Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Phe Gly
 20 25 30

<210> 34

<211> 33

<212> PRT

<213> Human

<400> 34

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 1 5 10 15
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 20 25 30
 Arg

<210> 35

<211> 20

<212> PRT

<213> Human

<400> 35

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro
 1 5 10 15
 Val Gly Arg Phe
 20

<210> 36

<211> 21
 <212> PRT
 <213> Human
 <400> 36
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 1 5 10 15
 Val Gly Arg Phe Gly
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<210> 37
 <211> 22
 <212> PRT
 <213> Human
 <400> 37
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 1 5 10 15
 Val Gly Arg Phe Gly Arg
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<210> 38
 <211> 93
 <212> DNA
 <213> Human
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<210> 39
 <211> 96
 <212> DNA
 <213> Human
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 GCCAGTCGCG GGATCAGGCC TGTGGGCCCGC TTCGGT 96

<210> 40
 <211> 99
 <212> DNA
 <213> Human
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 GCCAGTCGCG GGATCAGGCC TGTGGGCCCGC TTCGGTCGG 99

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 <212> DNA
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<210> 42
 <211> 63
 <212> DNA
 <213> Human
 <400> 42
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 GGT 63

<210> 43
 <211> 66
 <212> DNA

<213> Human

<400> 43

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 GGTCGG 66

<210> 44

<211> 31

<212> PRT

<213> Unknown

<220>

<221>

<223> Xaa on the 3rd position means Thr or Ala, Xaa on the 5th position means Arg or Gln, Xaa on the 10th position means Ile or Thr, Xaa on the 21st position means Thr or Ala, Xaa on the 22nd position means Gly or Ser.

<400> 44

Ser	Arg	Xaa	His	Xaa	His	Ser	Met	Glu	Xaa	Arg	Thr	Pro	Asp	Ile	Asn
1				5					10					15	
Pro	Ala	Trp	Tyr	Xaa	Xaa	Arg	Gly	Ile	Arg	Pro	Val	Gly	Arg	Phe	
			20				25					30			

<210> 45

<211> 20

<212> PRT

<213> Unknown

<220>

<221>

<223> Xaa on the 10th position means Thr or Ala, Xaa on the 11th position means Gly or Ser.

<400> 45

Thr	Pro	Asp	Ile	Asn	Pro	Ala	Trp	Tyr	Xaa	Xaa	Arg	Gly	Ile	Arg	Pro
1				5					10				15		
Val	Gly	Arg	Phe												
			20												